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6 SPECIAL DATA COLLECTION SYSTEM EVENT REPORT,
EASTERN KAZAKH, SSR 04 JULY 1976.

9 Technical rept.

10 M. S./Dawkins • M. D./Gillispie

Alexandria Laboratories

Teledyne Geotech, 314 Montgomery Street, Alexandria, Virginia 22314

11 Oct 1977

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SDCS Event Report No. 107

Eastern Kazakh SSR, 4 July 1976,

This event report contains seismic data from the Special Data Collection System (SDCS) and other sources for the above event. Published epicenter information from seismic observations is: provided.

	"P" Arrival	Origin Time	Latitude	Longitude	m_b	M_s
NORSAR	03:04:21.1	02:56:50	49.0N	079.8 E	6.2	N/A
Hagfors	03:04:11.6	02:57:11.0	51 N	078 E	7.1	N/A

Using SDCS stations, LASA and NORSAR, the epicenter location and magnitudes become: Origin time -- 02:57:02.2; 50.2 N; 078.6 E; 5.8; 3.9.

Information for LASA short-period is reported from their Teleseism Event Report; NORSAR short-period is from their bulletin. Array trace presentation for both of these stations is unrecoverable.

All SDCS stations were operational during this period.

Short-period signals associated with this event were reported at all SDCS stations, LASA, and NORSAR. Horizontal channels at all SDCS stations were rotated.

Long-period signals were recorded at all SDCS stations, and horizontal channels were rotated. Long-period data from LASA and NORSAR are not available.

Scaling factors on plots are millimicrons at 1 Hz (not corrected for instrument response)

ACCESSION for	
NTIS	White Section <input checked="" type="checkbox"/>
DDC	Buff Section <input type="checkbox"/>
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JUST IDENTIFIED	
BY	
DISTRIBUTION	
DATE	

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STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SECS	ELEVATION METERS	INSTRUMENTATION	
				SHORT-PERIOD	LONG-PERIOD
CPSO	McMinnville, Tennessee	35 35 41.4 N 085 34 13.5 W	574	6480 V 7515 H	SL210 V SL220 H
FN-WV	Franklin, West Virginia	38 32 58.0 N 079 30 47.0 W	910	KS36000	KS36000
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000	KS36000
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
WHZYK	White Horse, Yukon	60 41 41.0 N 134 58 02.0 W	853	18300	SL210 V SL220 H

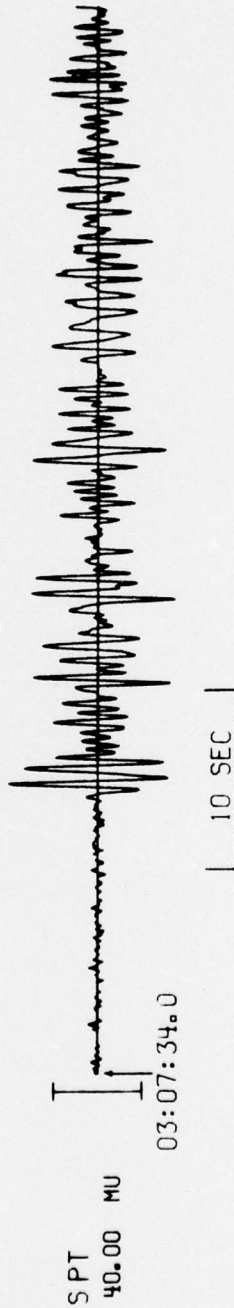
DATA SUMMARY

STA.	PHASE	ARRIVAL		INST	PER	A/T	MAGNITUDE		DER	DIST
		TIME					MB	MS		
NAO	EP	03 04	21.1	AB	0.8	692.	6.03			38.1
WH2YK	EP	03 07	49.2	SPZ	0.7	164.	5.91			66.1
WH2YK	LQ	03 31	25.0	LPT	30.0	53.				
WH2YK	LR	03 37	18.0	LPZ	21.0	5.		3.64		66.1
RK-ON	EP	03 09	06.1	SPZ	0.5	267.	5.93			78.9
RK-ON	LR	03 47	51.0	LPZ	19.0	17.		4.25		78.9
HN-ME	EP	03 09	10.9	SPZ	0.8	265.	5.86			79.6
HN-ME	LR	03 45	36.0	LPZ	19.0	8.		3.92		79.6
LAO M	EP	03 09	30.2	SAB	9.9	9999.				83.2
FN-WV	EP	03 09	59.7	SPZ	0.8	49.	5.39			89.4
FN-WV	LR	03 54	04.0	LPZ	19.0	8.		3.97		89.4
CPO	EP	03 10	17.0	SPZ	0.7	94.	5.85			93.3
CPO	LQ	03 50	29.0	LPT	27.0	1.				
CPO	LR	03 54	34.0	LPZ	21.0	4.		3.69		93.3

ORIGIN	LAT.	LONG.	DEPTH (KM)	MAG	SDV	STA	LPMAG	LPSDV	LPSTA
02:57:02.2	50.186N	78.603E	0. REST	5.83	0.23	6	3.90	0.2	5

LAO NOT USED IN REST RUN SP AVG. MAG.

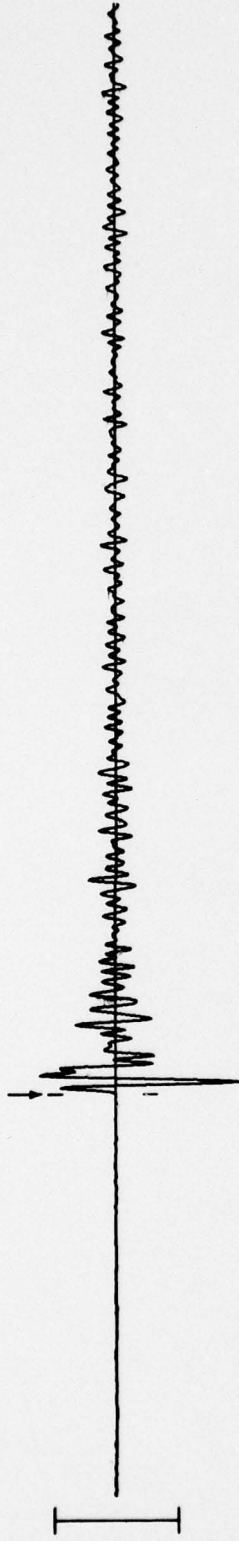
WH2YK 04 JUL 76



10 SEC

RK-ON 04 JUL 76
03:09:06.1

SPZ
273.01 MU



SPR
107.25 MU



SPT
41.30 MU



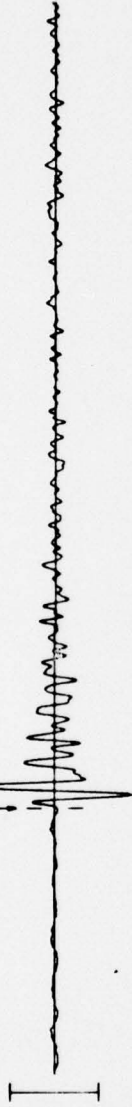
03:08:50.0

10 SEC

HN-ME 04 JUL 76

03:09:10.9

SPZ
143.00 MU



SPR
41.00 MU



SPT
31.00 MU



03:08:56.0

10 SEC

FN-WV 04 JUL 76

03:09:59.7

SPZ
38.02 MU



SPR
12.12 MU



SPT
15.80 MU



03:09:45.0

10 SEC

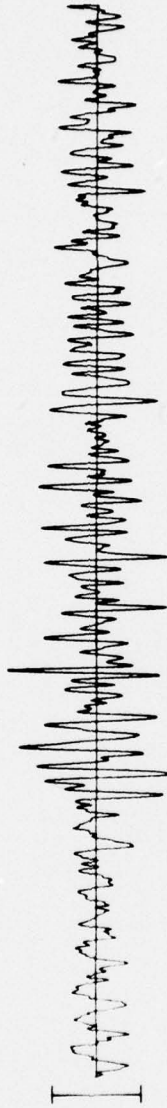
CPS0 04 JUL 76

031017.0

SPZ
55.42 MU



SPR
13.51 MU



SFT
7.86 MU



031002.0

10 SEC

WH2YK 04 JUL 76

03:37:18

LPZ
53.03 MU

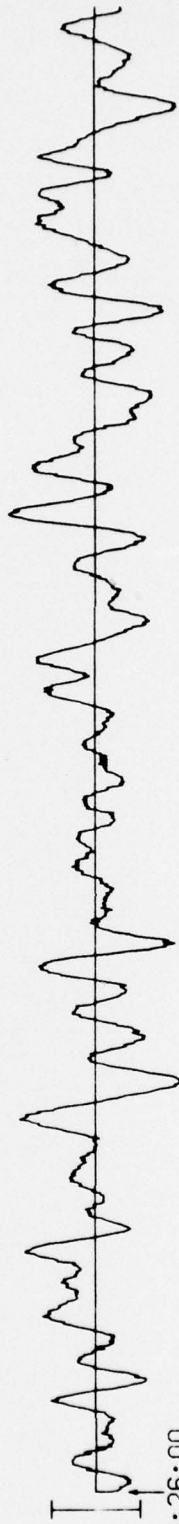


03:31:25

LPR
752.62 MU



LPT
460.30 MU



03:26:00

2 MIN

RK-ON 04 JUL 76

03:47:51

LPZ
170.01 MU



LPR
331.70 MU



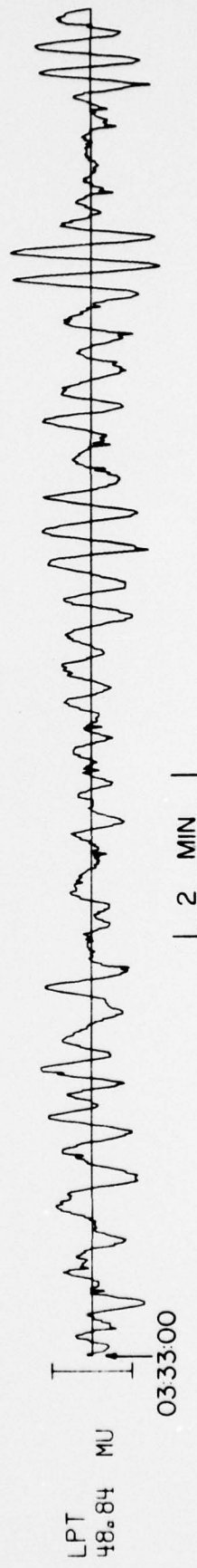
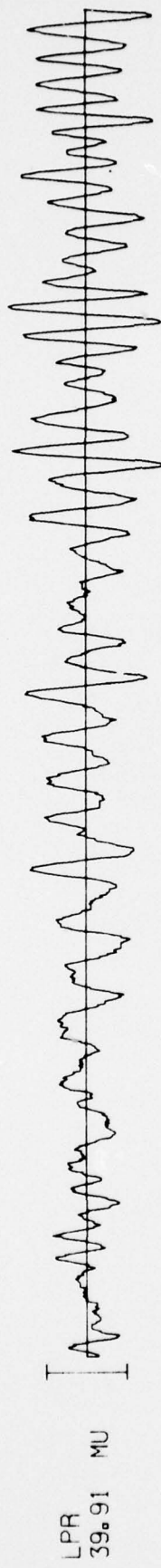
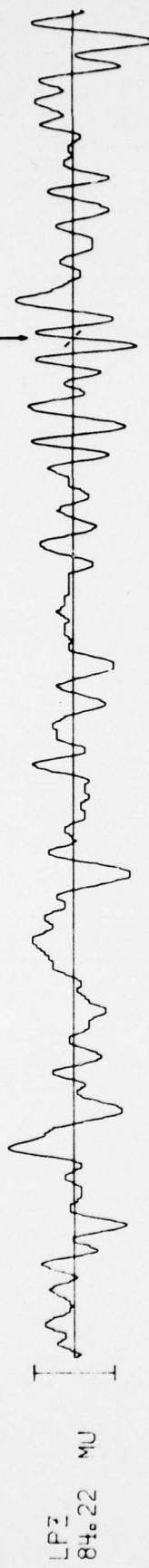
LPT
230.10 MU



03:34:00

2 MIN

HN-ME 04 JUL 76



FN-WV 04 JUL 76

03:54:04

LPZ
60.43

MU

I



LPR
43.94

MU

I



POSSIBLE LQ

03:44:56

LPT
41.80

MU

I



03:42:00

2 MIN

CPS0 4 JUL 76

0354:34

LPZ
41.77 MU



LPR
4.19 MU



0350:29

LPT
9.60 MU



0349:00

2 MIN